

REMARKS

At the outset, the Examiner is thanked for considering the pending application. The Office Action dated January 14, 2008 has been received and its contents carefully reviewed.

Claims 15 and 17 have been amended. Claims 1-7 and 16 have been canceled. Claim 21 has been added. No new matter has been added. Currently claims 8-15 and 17-21 are pending and claims 8-14 have been withdrawn without prejudice. Applicants respectfully request reconsideration of the pending claims.

The Office Action rejects to claims 15-20 under 35 U.S.C. 112, first and second paragraph. These claims have been amended accordingly. Applicants respectfully request withdrawal of this rejection.

The Office Action rejects claims 1-3, 6 and 15-20 under 35 U.S.C. 102(b) as being anticipated by USPN 6,081,308 to Jeong et al. (hereinafter "Jeong") and claims 4 and 5 under 35 U.S.C 103(a) as being unpatentable over Jeong in view of JP 6-77482 to Kubo (hereinafter "Kubo"). Applicants respectfully traverse.

Claim 1 has been canceled and claim 15 has been amended. Amended Claim 15 recite, inter alia, "wherein the first metal includes aluminum, and the alloy layer includes an alloy of aluminum and the second metal". Jeong fails to teach these elements.

Applicants note that Jeong discloses "the first metal film 22 is formed of Al or Al alloy" and "the second metal film 24 is formed of one selected from the group consisting of Cr, Ta, Mo, Mo alloy and Ti" (Column 6, Lines 7-21). Specifically, Jeong discloses "the second metal film 24 does not include Al" and "second metal film 24 is a capping film to prevent the Al alloy from contacting the ITO film".

Jeong, therefore, cannot anticipate claim 15. Claims 17-20 variously depend on claim 15 and thus are not anticipated by Jeong for at least the same reason as claim 15.

Applicants further note that Jeong discloses second metal film must exclude Al alloy, but Kubo discloses second metal film must include Al alloy. Therefore, it is improper to combine Jeong and Kubo.

Claim 21 has been added. Added Claim 21 recite, inter alia, "wherein the gate electrode and the gate pad both include a AlNd layer, and a AlNd-Mo or a AlNd-Cr alloy layer formed on the surface of the AlNd layer, and the AlNd-Mo or the AlNd-Cr alloy layer is directly connected to the transparent electrode".

The cited references fail to teach or even suggest these elements. And as discussed above, Jeong discloses second metal film must exclude Al alloy, but Kubo discloses second metal film must include Al alloy. Therefore, it is improper to combine Jeong and Kubo. Accordingly, claim 21 is allowable over the cited references.

Applicants respectfully request withdrawal of these rejections.

The application is in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: April 7, 2008

Respectfully submitted,

By Valerie P. Hayes
Valerie P. Hayes
Registration No.: 53,005
McKENNA LONG & ALDRIDGE LLP
1900 K Street, N.W.
Washington, DC 20006
(202) 496-7500
Attorneys for Applicant